

LUCAS *Coatings & Mastics for the Roofing Trade*

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PRODUCT DATA BULLETIN

#010 COAL TAR ROOF COATING/RESATURANT

PURPOSE

#010 Coal Tar Roof Coating/Resaturant is designed for use in rejuvenating coal tar and gravel roofs. Lucas #010 is formulated to penetrate, soften and reseal built-up coal tar and gravel roofs to restore pliability and self-healing characteristics essential for long roof life. Asphalt ("Bitumen") and gravel roofs should be recoated with our #713 Asphalt Bitumen Resaturant, #753 Polyester Mastic or #737 Liquid Modified Coating.

PRODUCT DESCRIPTION

Lucas #010 Coal Tar Roof Coating/Resaturant is manufactured from 100% refined coal tar pitch, aromatic solvents, non-asbestos reinforcing fibers, and mineral fillers to adjust viscosity and working properties. No asphaltic or aliphatic materials are added to this product. Coal tar products change viscosity rapidly and irregularly with temperature variations. The consistency of this product is adjusted seasonally to provide optimum application characteristics. Coal tar products such as #010 have a characteristic odor which can be irritating to some sensitive individuals.

APPLICATION

When applying #010 Coal Tar Resaturant proper roofing procedures should be followed at all times including inspection of the roof for flaws that might allow seepage of this product into the building, deck, or insulation materials. This product is intended for use on coal tar and gravel roofs with a pitch of not more than ½ inch per foot. This product is intended for surface application only - not an inter-ply adhesive. The roof surface must be clean and dry. Vacuuming is strongly recommended. Any dirt remaining will be absorbed by the coating and lead to premature hardening and inflexibility. The cleaned roof must be inspected and all weak, broken, cracked, or blistered areas repaired. Blisters should be opened and allowed to dry completely before being resealed with #071 Coal Tar Roof Cement and polyester fabric reinforcement. Any moisture in the roof which cannot be dried out should be properly vented. Flashings should be rebuilt as needed to provide a minimum 10 years protection. When rebuilding flashings use polyester fabric with asphalt based #753 Polyester Mastic. When repairing flashings with polyester fabric leave approximately three inches of uncoated fabric extending onto the roof deck to be coated with #010. Avoid applications or methods where coal tar or coal tar odors can enter the building. #010 Coal Tar Resaturant should be applied evenly, as it comes from the container, without thinning or heating above ambient temperatures, at the rate of seven gallons per 100 square feet. Do not overapply. Apply roofing gravel at the rate of 500 lbs. per 100 square feet. When Lucas #010 is used with polyester fabrics, please consult our Polyester Roofing Systems literature.

CAUTION

Combustible mixture, keep away from heat and open flame. This is a coal tar product and may cause skin irritation in some individuals. Avoid prolonged contact with skin or fumes. If irritation occurs seek medical attention. Do not use near heat or open flame. Keep out of reach of children. Read MSDS prior to use.

#010 SPECIFICATION

Viscosity ASTM D562; Modified	46 to 74 sec @ 59°F (15°C) (8,500 to 15,000 cps.)
Recommended rate of application	7 gal. Per 100 sq. ft.
% Refined Coal Tar	70 min
% Solids	75 min
% Non-volatile (SSC-540B, par 44.1)	95 max
Weight per gallon	9.2 lbs.
Flash Point (TCC)	+100°F (38.7°C)
Container Sizes	1, 5, 55, Bulk

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